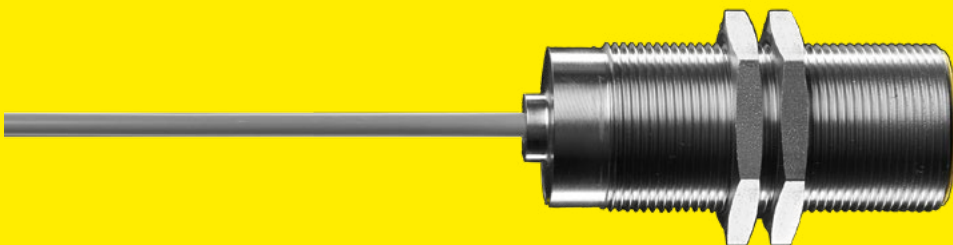


High temperature Proximity switches

For ambient temperatures up to 230 °C



Inductive high temperature proximity switches

150 °C

175 °C

230 °C

Proximity switches for ambitious applications in high temperature areas. Proxitron offers a variety of different temperature ranges, housing designs and sensing ranges for different applications e.g. steel & glass industries - furnace construction - paint shops in automotive industry - presses for chipboard manufacturing, food industry.

		Ambient temperature			Sensing distance (Sn)
		150 °C	175 °C	230 °C	
		Mounting condition			
Housing	M8	flush	(140 °C) 2 mm		
		non flush			
	M12	flush	3 mm		2 mm
		non flush	4 mm		
	M18	flush	5 mm	5 mm	5 mm
		non flush	8 mm	8 mm	8 mm
	M30	flush	10 mm	10 mm	10 mm
		non flush	15 mm	15 mm	15 mm
	M50	flush	20 mm	20 mm	20 mm
		non flush	25 mm	25 mm	25 mm
M80	non flush	50 mm		(200 °C) 50 mm	
		Output			
Electronic	PNP	normally closed		x	x
		normally open	x	x	x
		antivalent			x
	NPN	normally closed	x	x	x
		normally open	x	x	x
		antivalent			x
switching amplifier		integrated	integrated	external	

Supply voltage	10 – 30 V DC
Load current	max. 150 mA
Short circuit protection	yes
No load current	< 10 mA
Voltage drop	< 2 V
Protection class	IP66 / IP67 version at request
Functional display	no / yes with external switching amplifier
Housing material	stainless steel
Silicone free	silicone free versions available on request
Connection	silicone or PTFE cable
Cable lengths	2 m, 5 m, 10 m, 15 m, 20 m, further lengths on request

PROXI Heat^{+c} For applications up to 120 °C please refer to our ProxiHeat series in high-quality plastic design.